FILE NOTATIONS

| Entered in NID File | Checked by Chief | ****************** |
|---------------------------------------|-------------------------|---|
| Entered On S.R. Sheet | Copy NID to Field Offic | • |
| Location Map Pinned | | ******* |
| Card Indexed | | *************************************** |
| W R fo- State or Fee Land | | |
| COMPLETION DATA: | | |
| Date Well Completed 3-13: | -49 Location Inspected | |
| OW WW TA | Bond related | |
| GW OS PA | | ***** |
| | LOGS FILED | |
| Driller's Log | 4 - 4 | |
| Electric Logs (No.) | | |
| · · · · · · · · · · · · · · · · · · · | -I GR. GR-N | Micro |
| lat Mil | Sonic Others | |

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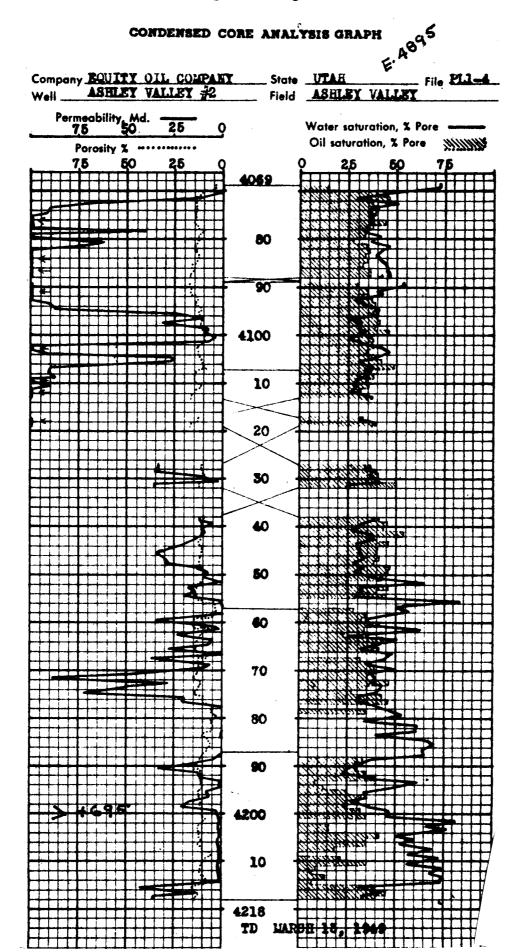
UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY** CONSERVATION BRANCH

| Section | 23 | |
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| R | 22 E. | |
| | S. L. Mer | |

INDIVIDUAL WELL RECORD

| | | 12 |
|-----------|-----|----|
| Reference | No. | 12 |

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| Lessee | or owi | ner <u>(Î</u> u | 11. Lister | acres | Gue. | | • | Uin Ask | • | | | |
| Opera | tor | Equity | Oil Com | np any | | | | Sal | . * | | | |
| | No | | from IV | S. line a | /689 ad 330 | | | nion SW W. line of | | | | |
| | | | | | | | | vation | | | | |
| Drillin | ng com | menced | Februa | ry 3 | , 19.4 | 9 | Total d | epth | 4218 | | | feet |
| Drillir | ng ceas | ed Ma | rch 13 | | , 19_4 | 9 | Initial p | productio | n 430 | B/D | | |
| Comp | leted fo | or produ | ction Mai | rch 13 | , 19_4 | 9 | Gravity | A. P. I. | · 32° | | | _++ |
| | | | zed | | | | _ | R. P | | | | |
| | • | Geologic fo | rmations | | | | | Produc | iee horiso | w | | |
| | Surface | • | Lower | st tested | | Name | ı | i | Depths | | Conte | rie |
| Manc | os Sh | ale | Web | er | | eber s | | 4065-1 | 1218 | · | 011 | |
| | · | , | · · · · · · · · · · · · · · · · · · · | | W. | ell st | ATUS | T ' | | T | T | T |
| YEAR | Jan. | Feb. | Mar. | Apr. | Мау | June | July | Aug. | Sept. | Oet. | Nov. | Dec. |
| 1949 | | Drg | POW | | | | | | | | | |
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| F | Remari | (s:3(| 00' 10- | 3/4" co Chi | nle 300 | 160 sa | cks, A | .063' 7 'ia 391 | cc 5', Web | er 406 | 51 | |
| 3 | copie | o to C | asjan | ٧- د - کو | 4 | | | 01087 | | • | | |



Rangely, Colorado

Vernal, Utah March 30, 1949

Equity Oil Company Vernal, Utah

Attention: Mr. Tom Turner

Subject: Core Analysis Results
Ashley Valley #2 Well
Ashley Valley Field
Uintah County, Utah

Gentlemen:

Cores from the Weber section of this well have been analyzed in our portable laboratory with the results herein submitted in tabular and graphical form.

Of the 149 feet cored in this section 130 feet were recovered and 103 feet found to be permeable and oil productive. The permeable feet times the average permeability of 84 millidarcys gives a total productive capacity of 8650 millidarcy feet. If the lost portion of the cores prove to be permeable, they will add to the capacity.

Calculated oil recovery is made using this data with other assumed values on formation characteristics. Assuming a connate water of 25%, gas-oil ratio of 50 cubic feet per barrel, formation volume factor of 1.04, and a saturation pressure of 1690 PSI, calculations are: **

Gas Expansion Recovery: 134 barrels per acre foot (to zero PSI)
Water Drive Recovery: 346 barrels per acre foot (to 100% water cut)

The permeability profile is unfavorable in distribution and will result in non-uniform depletion by both gas expansion and water drive. Non-uniform encroachment and economics of production will probably force abandonment of the well long before 100% water cut is obtained. Assuming that each significant zone is in contact with water moving laterally with sufficient velocity to overcome gravitational effects, water cut history is predicted as follows: **

| Unit Recovery Bbls/acre foot | Water Cut Percent |
|------------------------------|----------------------|
| 50 | 35 |
| 75 | 62 |
| 100 | 71 |
| 150 | 87 |
| 200 | 93 |
| 225 | 95 |

Yours very truly,

Gilbert A. Parks

RESERVOIR ENGINEERING LABORATORIES

| | | | | | | CORE A | NALYS | SIS REPO | ORT | | | | | | | | |
|-------------|----------------|--------------------|--------------|----------------------|--------------------|------------|---|--|-------------------------------|--------------------|------------------|--|--------------------------|----------------|----------|--|-------------------------|
| Compan | y Equity | OIL CO | MPANY | | | loce | ation _ | SW NI | E SW | 23-58 | 3_22E | | E:1 | eP | ו רז | ١. | |
| Well | ASHLEY | VALLEY | #2 | | | | ation _ | 10- | o' DF | | Engine | ers 1 | WP:GP | e | <u> </u> | - | |
| Field | | VALLEY | | | | _ Тур | e Core | DIAM | OND C | ORE] | IN WATER | BASE | MUD | | | | |
| County_ | UINTAH | | State | UTAH | | Rem | arks <u>C</u> | ORE #1 | 7 (77C | 1691-L | 10891); (| ORE# | 5 (408 | 191-4 | 107 | !) | |
| | | | | | | | | Permeab | ility, A | ۸d. و | 0 | | | | | - | |
| Sample | Depth | Permeability | Porosity | | Saturation | Probable | 400 | | 200 | 100 | _0 | W | ater sat | uration | ₁, % P | | |
| Number | Feet | Millidarcys | Percent | Percent P | ore Space Water | Production | h-00 | Porosi 75 | | 95 | | | il saturo | | | • | 111 |
| | 1,060 K | | 1. 0 | - | | | 100 | 11111 | 50 | 25 | 17 | , te | 2 | b t | <u> </u> | 75 | , , |
| 2 | 4069.5 70.5 | 0.0 | 9.4 | 14.4 | 72.5 | |] }+++ | ╁╂┼┼ | ++++ | +++ | 4070 | 11 - | | 777 | 1 | 4 | + |
| 3 | 71.5 | 12. | 15.8 | 39.8 46.3 | 43.2 29.1 | 011 011 | ┃┠┼┼┤ | ╌╄╂┼┼┼ | ┊ ╂┼┼╌ | ╎ ┼╂┤╆╵ | Ä | | 3443 | X ₀ | ++- | ++++ | + |
| 1 1 | 72.5 | 68. | 14.1 | 37.7 | 51.9 | | [| ++++ | †††† | 1 | | | ALIN S | 3 | ₩ | ++++ | |
| 456 | 73.5 | 90. | 14.1 | 40.5 | 36.3 | 011x | | #### | 11111 | B | | | HH H | 101 | Ŧ | ++++ | - |
| | 74.5 | 92. | 15.7 | 39.5 | 35.7 | 011* | | + + + + + | | B 1 | 11 | | MAN | 10 | † † † † | | +- |
| 7 | 75.5 | 124. | 14.3 | 35.7 | 37.1 | 011* | | | | a | | 1 | 2222 | 12 | 1 | 1111 | ++ |
| 8 | 76.5 | 108. | 15.8 | 44.5 | 37.5 | Oil | | | | ზ : | | | 1777 | 184 | +++ | <u> </u> | ++ |
| 9 | 77.5 | 109. | 13.5 | 37.7 | 34.8 | 011 | | | | 4 | | | 233.13 | 1 | | | T |
| 10 | 78.5 | 41. | 11.5 | 33.1 | 34.9 | Oil | | | | | > | | 3233 | 18 | | | |
| 11 | 79.5 | 135. | 13.3 | 33.9 | 42.9 | Oil | $ \downarrow \downarrow \downarrow \downarrow$ | 4444 | 11119 | X_{\bullet} | 4080 | J · · · | 222 | Z D | Ш | | П |
| 12 13 | 4080.5 | 62. | 13.3 | 27.0 | 36.0 | Oil | | | 111. | 1 3 | 4000 | | | g | | 111 | |
| 14 | 81.5 82.5 | 73. | 15.0 | 34.0 | 46.7 | Oil | | ++++ | ╎ ╏ ┼┼┼ | | | | | N P | | HH | $\downarrow \downarrow$ |
| 15 | 83.5 | 110. 112. | 14.4 | 36.7 | 41.6 | Oil | ╽╁┼┼ | ++++ | 1 | X + | | | | | ╂┼┼┤ | ├ ┼ | 1 |
| 16 | | 115. | 13.6 14.7 | 33 .1 34.7 | 39.0 43.5 | Oil | | ++++ | | र्ठ | | | WH | 77 | +++ | ┝┿╂┿ | ++ |
| 17 | 85.5 | 638. | 17.7 | 32.8 | 45.9 | Oil Oil | | ++ | | ++-/- | ++ | 1 | | 1. X | | | \vdash |
| iô | 86.5 | 1,72. | 16.7 | 36.5 | 45.0 | Oil | 4 | + 1 + + + + | +++ | 7 1 1 | ++- | | 444 | × 3 | | | ++ |
| 19 | 87.5 | 65 1. | 17.1 | 36.8 | 46.1 | Oil | • | | | 11 | | | 17.77 | 17. P | | -+ | + |
| | | RE U.OS | 61-4059 | | | | | | | | | $\geq \leq$ | | 13. }3. | | | |
| 20 | 4089.5 | 704. | 18.6 | 29.5 | 53.6 | Oil | ₩ | | | | 4090 | | 1.6.1 | | b | | |
| 21 | 20.5 | 500. | 17.1 | 35.6 | 40.9 | Oil | €- | + | | | 4090 | | $Z \subseteq X$ | \mathbb{Z} | | | Π |
| 2 2 | 91.5 | 415. | 17.2 | 32.0 | 42.5 | ાંl | | 4 | | 444 | 4 | | 37777 | % | | | |
| 23 24 | 92.5 93.5 | 191. | 13.7 | 37.1 | 28.4 | Oil | ++++ | + | P > | <u>. L. j.</u> | | | 427 | \$ | | | Ц |
| 25 | 94 . 5 | 9 1. 81. | 15.3 | 30.6 | 33.4 | Oil | ++++ | ╁╁┵╾┼┤ | +++- | -P. I. | | | 144 | 13 | | | 1 |
| 26 | 95.5 | 25. | 11.8 | 3 9.9 | 41.6 | Oil | +++ | +++ | + | - | # | | 4427 | 11.6 | -++ | | - |
| 27 | 96.6 | ii. | 13.5 13.6 | 37.7 40.6 | 40.8 26.7 | Oil Oil | +++ | +++ | + | ++ | 9 | 1.1 | J. Hickory | *** | | +++ | + |
| 28 | 97.5 | 32. | 12.3 | 41.4 | 31.7 | Oil | 1111 | + | ++++ | 1 | <i>f</i> | 1 | 444 | 77 | | ++ | + |
| 2 9 | 90.5 | 8.4 | 11.9 | 38.7 | 30.3 | Oil | 1 | † | 1:::: | | 97100 9 | | 11/11 | 20 | | | |
| 30 | 99.5 | 10. | 11.9 10.5 | 46.7 | 33.4 | Oil | | | | | 91700 | | 2,414 | 8/1 | | - - | + |
| 31 | 4100.5 | 4.6 | 10.4 | 37.5 | 25.9 | Oil | | | | | 94100 | 1 [| 2017 | E | -++ | | T |
| 32 | 01.5 | 0.2 | 10.3 | 37.8 | 32.0 | Oil | | | | | Ø | | ZZZZ | 8 | | 111 | |
| 3 3 | 02.5 | 123. | 14.3 | 37.9 | 42.2 | Oil | 111 | | | 3 i. | +- | $ $ | DM | 176 | | | |
| 34 35 | 9.5 | 92. | 13.4 | 34.3 | 46.2 | 011 | 1 | +++++ | ++++ | | | - T. | $\mathcal{L}\mathcal{L}$ | ST D | | | |
| 36 | 04.5 | 26. | 12.6 | 39.8 | 30.3 | Oil | - | ++-+ | ++++ | | 2 | T | 1111 | \ O | 444 | 44 | |
| 37 | 05.5 06.5 | 27. 20. | 11.0 11.8 | 42.8 | 30.1 | Oil | 1 | +++ | + | مسلما - | 5 | \cdot I· | 1117 | 9 | -44 | | |
| 37 38 | 4107.5 | 52. | 15.4 | 49.0 33.δ | 37.2 36.7 | Cil | +++ | +++++ | ++++ | K /+ | : | | 4-4 | 187 | + | 444 | |
| 39 | 00.5 | 88. | 15.0 | 38.7 | 33.3 | Oil Oil | 1 | | +++- | 8 | + | ·L·· | 19 | * | ++ | ++++ | + |
| 40 | 09.5 | 184. | 15.5 | 34.8 | 28.3 | Oil | | | 0 | 1 - | +1, | · · · · · | 1711 | (2-) | | ++- | + |
| 4,1 | 4110.5 | 90. | 15.5 12.0 | 35.0 | 28.4 | Oil | | | 1 | \$ \ | 1110 | 7 | 17/1/2 | | 111 | ++++ | + |
| 42 113 | 11.5 | 150. | 15.1 | 31.8 | 20.5 | Oil | | | 10 | | | $ \cdot\cdot $ | 17/178 | 2 | +++ | 1111 | + |
| 43 | 12.5 | 376. | 17.0 | 34.0 | 37.0 | Oil | Q | | | | | | MA | P | | Ш | + |

CORE ANALYSIS REPORT

| | | | | | 1 | CORE A | NALYS | IS REPO | ORT | | | | |
|----------------------|--------------|--------------|----------|------|--------------------------|--|---|-----------------------|---|---|---|---|---|
| Company | | OIL CO | | | | loc | ation | SW NE | SW | 23-5S- | | | File PL1-lı |
| Well | | VALLEY | | | | | | | | | Engine | ers בים פיסור | ACP MIN TOX |
| Field | | | | UTA | ·U | _ іур | e Core | CORE | 46 1 | 1.3 07 1 | 1.7 57 1): | CORE | #7 (4157'-4187') |
| County | <u> </u> | | State | | <u></u> | _ кеп | | | | | • | 00.00 | <i>P.</i> 3. (41.) (= 41.0 () |
| | | | | | · | | | | | | | W | ater saturation, % Pore |
| Sample | Depth | Permeability | Porosity | | Saturation fore Space | Probable | | | | 100 | | 0 | Dil saturation, % Pore |
| Number | feet | Millidarcys | Percent | Oil | Water | Production | 100 | 75 | 50 | 25 | - 0 | | 0 25 50 75 |
| | | | | | | | | | | 11111 | ┪ | N | |
| LOST | CORE (41 | 731_1,77 | 71) | 1 | | | IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII | ++++ | | | ++ | 1 X | |
| 1001 | OUTE (AT | -411 | | | | | | †† ††† | | | | $V \setminus$ | , |
| 1.1. | 4117.5 | 369. | 13.6 | 31.0 | 32.4 | 011 | ام | | | | 1 | | |
| 山 45 | 18.5 | | 17.8 | 37.0 | | | | 10 | | | | | |
| | ,/ | | , •• | 7,.0 | 77.02 | | | | | | 4120 | N | / 0 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |
| | | | | | | 1 | | | | | T 4120 | 1\ / | |
| | |] | 1 | | | ļ | | | | | | 1\/ | |
| LOST | CORE (41 | 19'-412 | 71) | | | | | | | | | V | |
| | | | | | | | | | | | Ш | ΙΛ. | |
| | | | | | | | | | | | 4 | 1/ \ | |
| | | | | | • | | | | | | Ц | // | |
| | | | | | | ļ | $I \downarrow \downarrow \downarrow \downarrow$ | $\bot \bot \bot \bot$ | | | • | Y ! | N. K. K. |
| 46 | 4127.5 | 34. | 11.0 | | 36.5 | | Ш | + | | | ? | | 2 |
| 47 | 28.5 29.5 | 36. | 10.6 | 39.6 | | | IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII | | | | 3. | | |
| 48 | 29.5 | 12. | 10.0 | 41.0 | | | \mathbf{I} | | | 111111 | 4130 | ļ · | |
| 47 48 49 50 | 4130.5 | | 9.8 | 40.0 | 42.0 | 1 | 1 | + | | | | | |
|) 50 | 31.5 | 36. | 12.0 | 50.7 | 25.8 | 011 | $\{ \{ \} \} \}$ | | | 1 1 1 | 2 | | |
| | ļ | | | ļ | | | $I \mapsto I$ | | | ++++ | + | 1\ / | / } |
| | | | | | | | I ++++ | -+++- | | ++++ | + | $ \rangle /$ | |
| LOST | CORE (41 | B2'-4138 | ۱) | | | ļ. 1 | HH | | | | ++ | 1 X | |
| | | | | | | | I | ++++ | | | + | 1/\ | |
| | 1 | 1 | | | | | ! | | | | + | / / | \ |
| ন | 4138.5 | 12. | 10.5 | 41.8 | 38.0 | 011 | | | +++ | | - | | |
| 51 52 53 | 39.5 | 5.9 | 11.9 | 45.4 | 32.0 | 011 | | | | | 3, | | |
| 53 | 4140.5 | 12. | 11.6 | 43.0 | | | | | | | A 11710 | 1 | |
| 54 | 41.5 | 10. | 11.1 | 54.1 | 36.1 | Oil | | | | | ä | : | |
| 55 | 42.5 | 14. | 11.7 | 40.8 | 39.2 | 011 | | | | | Q Q | :.:: | |
| 56 | 43.5 | 19. | 12.1 | 46.2 | 29.8 | 011 | | | | | δ | | |
| 54 55 56 57 | 44.5 | 30. | 11.6 | 40.5 | 30.2 | 011 | | | | | <u> </u> | J.:::: | |
| 58 59 | 45.5 | 35. | 11.8 | 40.0 | 31.5 | 011 | | | | | |] | |
| 59 | 46.5 | 30. | 12.2 | 41.8 | 33.6 | 011 | | | | 1 | o o | | |
| 60 | 47.5 48.5 | 29. | 12.2 | 38.5 | 27.1 | 011 | | | | | 9 | | |
| 61 | 48.5 | 13. | 11.1 | 47.5 | 33.2 | Oil | | | | | 8 | | |
| 62 | 49.5 | 0.3 | 10.9 | 46.8 | 28.4 | 011 | | | | 4444 | 4150 | | |
| 63 | 4150.5 | 10. | 10.0 | 43.0 | 39.0 | 011 | | | | | 4150 | | |
| 64 | 51.5 | 0.2 | 10.7 | 25.3 | 64.6 | 1 | | | | | 1 T | E | |
| 65 | 52.5 | 18. | 14.7 | 46.1 | 31.2 | 011 | | | | | 000 | [:::: | |
| 66 | 53.5 | 14. | 15.5 | 40.0 | 32.2 | Oil | | | ├ ┼╂┼╌ | | 2 | | |
| 67 | 54.5 | 20. | 13.5 | 45.8 | 29.6 | Oil | 11 | | | | 4 | <u> </u> | WWW. |
| 68 | 55.5 | 0.3 | 10.9 | 0.0 | 84.2 | | 11- | | | | , b | <u>E</u> | |
| 69 | 56.5 | 0.0 | 4.3 | 0.0 | 50.8 | | ┫┠┼┼┤ | | +++- | ┤ ┼╂┼┤ | φ | | <u> </u> |
| 70 | 4157.5 | 0.0 | 3.9 | 28.4 | 57.0 | | 1+++ | ++++ | +++ | ┝┼┼╂┼┼ | \text{\tint{\text{\tin}\text{\tein}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tex{\tex | | · NY NY N |
| 71 | 58.5 | 0.0 | 5.8 | 34.5 | 41.4 | 1 | 11444 | | | ┝┼┼╉┼┼┤ | 4 4 | pr | |

CORE ANALYSIS REPORT

| Compan | , | Y OIL CO | | | | loce | ation _ | SW 1 | NE S | W 23 | 3 <u>-5</u> S | -22E | | | Fi | le <u>PI</u> | 1-lı | | |
|-------------|----------------------|--------------|----------------------|--------------|--------------------------|------------|--------------------------------------|--|--|---|--|--------------|-------|--------------------|-------------------|---------------------------------------|---------------|-------------------------------|-------------------|
| Well | | Y VALLE | | · | | _ Elev | ation . | 48 | 951 | DF | | E: | ngine | ers | | | | | |
| Field | ASHLE | Y VALLE | <u> </u> | | | Тур | e Core | D | IAMO | ND (| ORE | SIN | WAT | ER B | ASE M | UD | | | |
| County | UINTA | H | State | UTA | H | Rem | arks _ | CORE | #7 | (41) | 571- | 4187 |): | CORE | #8 (| և1871 | -423 | 81) | TD - |
| • | • | | | | | | | Perme | | | | | | | • | | | - | |
| | Υ | | 1 | 7 | | Τ | 700 | | -20 | | 100 | − 6 | | ٧ | /ater sa | turatio | n. % Pa | | |
| Sample | Depth | Permeability | Porosity | | Saturation Pore Space | Probable | 1400 | | sity ? | | | 7 | | | Dil satur | | | | |
| Number | Feet | Millidarcys | Percent | Oil | 1 | Production | 400 | 75 | | | 25 | | | | | | | • • | 30.77 |
| | 12000 | | 2 2 2 | | Water | ļ | 100 | - 11 | 50 | - | | | | | | · · · · · · · · · · · · · · · · · · · | 50 | 75 | |
| 72 | 4159.5 | 34. | 15.6 | 32.0 | 34.5 | 011 | | | 111 | $\bot \bot \bot$ | 111 | | .60 | 1 | 7777 | 1.0 | | | Ш |
| 73 | 60.5 | 7.8 | 15.0 | 41.3 | 36.0 | 011 | 1 | | 444 | | 111. | Ŋ - | | | 17777 | 1.0 | J | | |
| 74 | 61.5 | 0.4 | 6.6 | 33.4 | 62.3 | | | | 111 | $\perp \downarrow \downarrow$ | | 9 | | 7 | MI | | > 0 | | : قىماد، |
| 75 | 62.5 | 24. | 11.2 | 23.1 | 25.8 | Oil | | | | | | 4 | | Ι, | | p < | | | |
| 76 | 63.5 | 5.7 | 12.5 | 43.4 | 50.5 | 011 | | | Ш | | | ğ | | | Kill. | 11112 | > | | |
| 77 | 64.5 | 8.3 | 15.1 | 39.6 | 38.3 | 011 | | | | | | ģ | | | BRE | | | \prod | |
| 78 | 65.5 | 28. | 14.8 | 42.5 | 31.1 | 011 | | | | | | व | |] | W. | 180 | | | |
| 79 | 66.5 | 0.0 | 8.5 | 0.0 | 49.2 | | | | | 111 | | 7 | | 7 | 1 xxxx | 7, 7,20 | d | ††† | +-+-+ |
| 80 | 67.5 | 37. | 13.0 | 31.5 | 44.0 | 011 | | | | | | 3 | | | Wille | 77 | \$ | | • + + |
| 81 | 68.5 | 6.6 | 12.3 | 36.3 | 34.8 | 011 | | | | 111 | | 8 | | <u> </u> | M. M. | No. | ++++ | ††† | 1 |
| 82 | 69.5 | 10. | 12.0 | 39.0 | 49.8 | 011 | | 111 | 1111 | +++ | 1 1 1 | d . | | <u> </u> | 411 | 1110 | d | 111 | 1 |
| 83 | 4170.5 | 45. | 13.7 | 36.3 | 36.3 | 011 | [| ++++ | ++++ | +++ | 1 8 | 144 | .70 | 1 | 1444 | 13 | 9-11 | +++ | +++ |
| 84 | 71.5 | 89. | 15.4 | 35.0 | 38.9 | 011 | | | ++++ | +++ | d' | H | | | KI S | 100 | ++++ | +++ | +++ |
| 85 | 72.5 | 26. | 11.8 | 47.4 | 37.2 | 011 | | <u> </u> | | - | 1 | | | :::. | 1991 | 177 | ┇┞┼┼┼ | +++ | +++ |
| 86 | 73.5 | 50. | 12.3 | | | | | 1111 | ++++ | ++ | | f-I | | | 361 | 1 Contraction | 3+++ | +++ | +++ |
| 87 | 74.5 | 72. | | 35.6 | 43.8 | 011 | ╏┠┼┼┤ | +++ | ╅╅╅ | +++ | 18 | \mathbb{H} | | | 19944 | | ++++ | ╁╂┼ | +++ |
| 88 | 75.5 | | 14.5 | 27.7 | 40.1 | 011 | ╏┝┿┿┿ | +++ | ++++ | +++ | 17 | 4 | | d •.∵: | 1000 x | | ++++ | +++ | ╅╋┪ |
| 89 | | 20. | 10.6 | 43.2 | 30.1 | 011 | | -+++ | ╁╁╂┆ | $+ \div +$ | +++ | X | | | MAG | MA | ┇╂┋┼┼ | +++ | +++ |
| | 76.5 | 21. | 10.8 | 46.1 | 31.4 | 011 | - | +++ | ++++ | +++ | 11 | ** | | | 7777 | 1100 | • | ↓ ↓ | |
| 90 | 77.5 | 0.0 | 5.2 | 0.0 | 38.5 | İ | \mathbf{I} | -+++ | ++++ | +++ | +++ | ÷X | | 正::: | 455 | 49 | | + | ╁╁╁ |
| 91 | 78.5 | 0.0 | 6.0 | 35.0 | 46.7 | | 1 +++ | +H+ | ++++ | +++ | + + + | +1 | | 庄… | 10077 | 122 | ₹ | ╁╁┼ | +++ |
| 92 | 79.5 | 0.0 | 3.9 | 0.0 | 53.7 | | ╏┝┼┼┤ | | + + + + | ++- | +++ | H_{la} | 80 | 上 | | | ١ | 44 | 444 |
| 93 | 4180.5 | 0.0 | 6.2 | 0.0 | 33.9 | | $\mathbf{I} \mapsto \mathbf{I}$ | ++++ | ++++ | +++ | $\downarrow \downarrow \downarrow \downarrow$ | φ | | 片 | | ∞ < | | 111 | 111 |
| 94 | 81.5 | 0.0 | 5.2 | 0.0 | 60.2 | | ╏┠╁╁╁ | + | | 1.1 | 1 | φ | | | | | Q | 11. | ‡ ! • • • • |
| 95 | 82.5 | 0.0 | 6.6 | 0.0 | 60.9 | 1 | IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII | 444 | 1111 | $\bot \downarrow \downarrow$ | | <u>/</u> P | | 7 | | . | مر | $\perp \downarrow \downarrow$ | |
| 96 | 83.5 | 0.1 | 10.5 | 0.0 | 40.2 | ŀ | ! | $\downarrow\downarrow\downarrow\downarrow$ | \Box | | 1 3 | φ | | F | | α | | - | 11. |
| 97 | 84.5 | 0.0 | 7.3 | 0.0 | 66.0 | | I | $\downarrow\downarrow\downarrow\downarrow\downarrow$ | 111 | 444 | | ļφ | | ቷ' :::: | 1 | | 7 | | 111 |
| 98 | 85 .5 | 0.0 | 6.8 | 0.0 | 70.5 | | | $\perp \downarrow \downarrow \downarrow$ | | | | φ | | Ţ | | | | Þ | |
| 99 | 86.5 | 0.0 | 8.1 | 0.0 | 64.0 | 1 | | | | | | (φ | | <u> </u> | 1 | | Ø | | |
| 100 | 4187.5 | 0.0 | 10.2 | 0.0 | 65.4 | <u> </u> | 1 ШЦ | | | | Ш | g | | | | | 1 | | |
| 101 | 88.5 | 4.3 | 11.2 | 33.8 | 37.3 | 011 | | | | | | Ø | | | | ⊘ 0 | 1 | | \prod |
| 102 | 88.5 89.5 | 16. | 11.2 12.5 15.1 | 33.8 29.6 | 3 3.6 | 011 | | | | LLi. | | P 1.7 | 00 | <u>]</u> . : : : : | | Ø | | | |
| 103 | 4190.5 | 3 3. | 15.1 | 29.1 | 25.1 | 011 | | | | $\Pi\Pi$ | | ∢) | 90 |] | 7/1/1 | ġ. | | \prod | \prod |
| 104 | 91.5 | 13. | 11.7 | 34.1 | 23.0 | 011 | | | $\coprod \coprod$ | Ш | | 0 | | | TIS. | 2/2 | | | Ш |
| 105 | 92.5 | 10. | 12.2 | 39.3 | 37.6 | 011 | Ш | Ш | ШП | | [[. | | | [:::: | WILL | 18 | $\Gamma \Box$ | | |
| 106 | 93.5 | 0.7 | 11.5 | 8.7 | 61.5 | | | | | | | Ъ | | | | | P | П | Ш |
| 107 | 93.5 94.5 95.5 | 0.4 | 10.2 | 13.7 | 59.7 | | | | | | | ø | | <u> </u> | | | 10 | | |
| 108 | 95.5 | 9.0 | 12.9 | 25.6 | 33.4 | 011 | | | | | 1 | | • | <u> </u> | WAL | g | | | \square |
| 109 | 96.5 | 7.1 | 12.6 | 32.5 | 35.7 | 011 | | 1111 | | | | ä | | Ė ::: | MAX | 6 | 111 | | Π |
| 110 | 97.5 | 17. | 11.6 | 31.8 | 26.7 | 011 | | 1111 | | 111 | | 42 | | | MILL | | 1 + | 11 | 111 |
| 111 | 98.5 | 21. | 11.3 | 24.0 | | | | | 1111 | 111 | | φ | | | 22/17 | 70 | 1-11 | | 1++ |
| 112 | 99.5 | 3.5 | 10.6 | | 36.3 | Oil | | 1111 | †† † † | | | B . | | T | MH | 3 | , | ††† | +++ |
| | 4200.5 | | | 32.9 | 47.9 | 011 | ╏┠┼┼┼ | +++ | †† † † | +++ | | 7 42 | 00 | † | MH) | | [| +++ | $\forall \forall$ |
| 77) | M200.5 | 1.2 | 10.6 | 34.8 | 46.0 | Oil | | ++++ | † | +++ | | 3 | | | MAN | 122 | - | b | ## |
| 111, | 01.5 | 0.1 | 9.6 | 0.0 | 81.0 | | | ++++ | | +++- | | Ţ | | | 144 | ++++ | 1 6 | | +++ |
| 1 16 | | 1.3 | 12.4 | 16.1 | 66.2 | | | ++++ | ++++ | +++ | | X | | | 1334 | ┝┼┼┼ | +++ | 4 | +++ |
| | 03.5 | 0.8 | 12.3 | 16.2 | 76.1 | | ++++ | ++++ | | +++ | | +4 | | | - 1114 | ┟┼┼┼ | 1 ! | | +++ |
| | L | L | | | L | L | | | | | لللل | 11 | | j | للللا | للللنا | لللا | | $\Box \Box$ |

| Company EQUITY OIL COMPANY | Location SW NE SW 23-5S-22E File F1.1-1 |
|---|---|
| Well ASHLEY VALLEY #2 Field ASHLEY VALLEY | Elevation <u>4895! DF</u> Engineers |
| 77 77 170 1 1 1 | Type Core DIAMOND CORE IN WATER BASE MUD Remarks CORE #8 (41871-42181)TD |
| | Permeability, Md. a |

| | · | , | | · | | | | | bility, / | Md. 🕳 | <u>-</u> ٥ | | | | | |
|--|--|---|--|--|--|---------------------------------|-----|-----------|-----------|-------|--|----|------------------|-----------|-----------|---|
| Sample Number | Depth Feet | Permeability Millidarcys | Porosity | | Saturation Fore Space | Probable | 400 | 300 | 200 | | _ം | | Wat Oil | er satura | uration | · • • • • • • • • • • • • • • • • • • • |
| | reel | Millidarcys | Percent | Oil | Water | Production | 100 | 75 | 50 | 25 | | | 0 | 25 | | .))))))) 7 5 |
| 117 118 119 120 121 122 123 124 125 126 127 128 129 130 | 4204.5 05.5 06.5 07.5 08.5 09.5 4210.5 11.5 12.5 14.5 15.5 16.5 17.5 | 0.1 1.7 1.6 0.8 0.4 1.3 0.4 0.4 0.4 0.1 43. 14. 36. | 12.1 11.5 12.8 10.2 6.2 9.0 11.7 11.1 11.4 8.1 8.1 16.1 12.5 14.7 | 42.0 35.8 35.2 19.2 0.0 22.3 35.1 9.0 7.9 14.9 7.4 39.8 45.6 40.0 | 50.2 60.3 52.4 69.2 56.9 72.2 56.4 73.6 68.6 73.4 73.0 31.1 43.2 33.9 | Oil Oil Oil Oil Oil | | | | | 0 0 0 0 4210 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | MA | EXECUTE TO SECUL | | T M. OF A | |

TABULATION OF DATA ASSEMBLED UNDER VARIOUS PERMEABILITY GROUPINGS AND PLOTTED AGAINST CUMULATIVE THICKNESS:

| Cumulative Sand Thickness | Average Permeability | Average Porosity | Average Liq | Cumulativ Capacity | | |
|------------------------------|-------------------------|---------------------|-------------|-----------------------|---------|--|
| Percent | Millidarcys | Percent | 011 | Water | Percent | |
| 2. | 688. | 18.0 | 32.5 | 50.5 | 14. | |
| 4. | 5 00. | 17.0 | 35.5 | 44.0 | 30. | |
| 6. | 436. | 16.9 | 43.6 | 44.0 | 40.5 | |
| 8. | 360. | 17.5 | 37.5 | 39.0 | 49.0 | |
| 10. | 240. | 18.2 | 39.3 | 39.4 | 56.0 | |
| 15. | 168. | 16.0 | 37.6 | 38.0 | 65.0 | |
| 20. | 133. | 14.1 | 36.2 | 36 .6 | 72.0 | |
| 25. | 112. | 14.3 | 36.5 | 37.0 | 78.0 | |
| 30. | 92. | 14.2 | 36.0 | 37.5 | 82.5 | |
| 35. | 70. | 13.7 | 35.9 | 38.3 | 86.1 | |
| 40. | 46. | 13.3 | 35.0 | 38.6 | 89.0 | |
| 50. | 32. | 12.7 | 36.7 | 35.6 | 93.0 | |
| 60. | 28. | 12.1 | 38.6 | 32.7 | 96.0 | |
| 70. | 20. | 12.1 | 40.4 | 32.7 | 98.0 | |
| 80. | 12. | 12.0 | 41.7 | 34.0 | | |
| 90. | 10. | 12.0 | 39.3 | 36.0 | 99.9 | |

SUMMARY OF CORE ANALYSIS RESULTS

Formation Cored: Weber
Depths Cored: 4069'-4218'
Above Datum: 826' to 677'
Core Recovery: 130 feet:87.1%
Porosity Average: 13.3 Percent
Oil Gravity: 32.20API @ 600F

Permeability Average: 84 millidarcys
Productive Capacity: 8650 millidarcy feet (or more)
Oil Saturation Average: 38.4 percent of pore space
Water Saturation Average: 37.3 percent of pore space
Viscosity of Producted Oil: 9.51 centipoise at 1000F.
Formation Oil Visc. (Calc.): 6.50 centipoise at formation Temp.

^{**} Calculations and tabulations for final report done by Ward M. Edinger, registered engineer, State of Oklahoma

ASHLEY VALLEY - Uintah County

23-58-22E SW NEESWE, Equity Oil Company Well No. 2 (Pat.), Ref. No. 12

STATUS: Drg - T.D. 3620', Moenkopi (Equity)

REMARKS: NEW DRILLING WELL. Drilling commenced 2-3-49.

300' 10-3/4" cc w/160 sax. Surface, Mancos. Objective,

Weber production approx. 4150'.

23-58-22E SW NELSWL, Equity Oil Company Well No. 2 (Pat.), Ref. No. 12

STATUS: POW - T.D. 4218' (Equity, visited 3-15-49)

REMARKS: NEW COMPLETION. Drilling ceased and well put to producing 3-13-49. Producing horizon, Weber sands from 4065-4218'. I.P. 430 B/D 32° oil. 4063' 7" cc. Sample tops Chinle 3060', Phosphoria 3915', Weber 4065'.

Replacement sheet ill be submitted later.

Shley Talley#a Sec 23, T5 So, R22E Buby 4/26/8 POFICE O well head centrilift meter

| STATE OF UTAH | |
|--------------------------------|---|
| DIVISION OF OIL, GAS AND MININ | G |

| | | | 5. Lease Designation and Serial Number: |
|--|--|--|---|
| SUNDRY NOTICE | AND REPORTS ON WE | 118 | Fee |
| | | 6. If Indian, Allottee or Tribe Name: | |
| Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. | | 7. Unit Agreement Name: | |
| | RMIT TO DRILL OR DEEPEN form for such (| proposals. | |
| 1. Type of Well: | | | 8. Well Name and Number: |
| 2. Name of Operator: | . GAS OTHER: | | Ashley Valley No. 2 9. API Well Number: |
| Equity Oil Company | | | 430-47-15397 |
| 3. Address and Telephone Number: | | · · · · · · · · · · · · · · · · · · · | 10. Field and Pool, or Wildcat: |
| 10 West Third South, Suite 806 / P.O. | Box 959 Salt Lake City, UT 8 | 4110-0959 (801) 521-3515 | Ashley Field |
| Footages: 1666' F | CI 1600' EIAN | | |
| _ | · | County: | Uintah |
| QQ,Sec.,T.,R.,M.; NESW 11. CHECK APPROPRIATE E | | State: OF NOTICE, REPORT, OR OTHER D. | Utah |
| NOTICE OF INTE | | SUBSEQUENT | |
| (submit in dupliced | be) | (Sulemit Origin | al Form Only) |
| ☐ Casing Repair | ☐ New Construction ☐ Pull or Alter Casing | ☐ Abandonment ☐ Casing Repair | ☐ New Construction ☐ Puil or Alter Casing |
| ☐ Change of Plans | ☐ Recompletion | ☐ Change of Plans | Recompletion |
| Conversion to Injection | ☐ Shoot or Acidize | ☐ Conversion to Injection | on Shoot or Acidize |
| ☐ Fracture Treat ☐ Multiple Completion | ☐ Vent or Flare ☑ Water Shut-Off | ☐ Fracture Treat | ☐ Vent or Flare |
| Other: | Water Shut-On | ☐ Multiple Completion☐ Other: | ☐ Water Shut-Off |
| Approximate date work will start: At | iaust 5, 1997 | Date of work completi | on: |
| · · | | Report results of Multiple Cor | npletion and Recompletions to different reservoirs on |
| | | WELL COMPLETION OR REC | OMPLETION AND LOG form. |
| 4) MIDI Lucadia na dia Dia matana | | | |
| 1) MIRU workover rig. Dig workover pi 2) Flow well to workover pit (99.9 % wa 3) P&LD submersible pump cable, 3-1/ 4) PU casing scraper for 7", 20#, RIH of 5) Run CBL on 7" casing. 6) PU packer & RIH on 2-7/8" tubing. 3 7) Pump 6200 bbl. gelled water for wat 8) MIRU workover rig. Swab test well fo 9) POOH & LD 2-7/8" WS & Packer. 10) RIH w/new cable & ESP on 3-1/2" 11) Land tubing & rig up for pump test. At the completion of the workover, Equi | nter cut). RU cable spooler. 2" tubing & ESP. In 2-7/8" work string to 4060'. Set packer @ about 4050'. Teser shut off. Leave well SI 7-10 or gel production. Production tubing. RD workover rig. | 0 days. | |
| 2) Flow well to workover pit (99.9 % wa 3) P&LD submersible pump cable, 3-1/4) PU casing scraper for 7", 20#, RIH of 5) Run CBL on 7" casing. 6) PU packer & RIH on 2-7/8" tubing. 37) Pump 6200 bbl. gelled water for wat 8) MIRU workover rig. Swab test well ft 9) POOH & LD 2-7/8" WS & Packer. 10) RIH w/new cable & ESP on 3-1/2" 11) Land tubing & rig up for pump test. At the completion of the workover, Equi | ter cut). RU cable spooler. 2" tubing & ESP. In 2-7/8" work string to 4060'. Set packer @ about 4050'. Teser shut off. Leave well SI 7-10 or gel production. production tubing. RD workover rig. ity Oil Company will request quity. |) days. Jalification for workover severance | tax credit allowed under Utah HB 110. |
| 2) Flow well to workover pit (99.9 % wa 3) P&LD submersible pump cable, 3-1/4) PU casing scraper for 7", 20#, RIH of 5) Run CBL on 7" casing. 6) PU packer & RIH on 2-7/8" tubing. 37) Pump 6200 bbl. gelled water for wat 8) MIRU workover rig. Swab test well ft 9) POOH & LD 2-7/8" WS & Packer. 10) RIH w/new cable & ESP on 3-1/2" 11) Land tubing & rig up for pump test. At the completion of the workover, Equi | Iter cut). RU cable spooler. 2" tubing & ESP. In 2-7/8" work string to 4060'. Set packer @ about 4050'. Teser shut off. Leave well SI 7-10 or gel production. production tubing. RD workover rig. ity Oil Company will request qu |) days. Jalification for workover severance | |
| 2) Flow well to workover pit (99.9 % wa 3) P&LD submersible pump cable, 3-1/4) PU casing scraper for 7", 20#, RIH of 5) Run CBL on 7" casing. 6) PU packer & RIH on 2-7/8" tubing. 37) Pump 6200 bbl. gelled water for wat 8) MIRU workover rig. Swab test well ft 9) POOH & LD 2-7/8" WS & Packer. 10) RIH w/new cable & ESP on 3-1/2" 11) Land tubing & rig up for pump test. At the completion of the workover, Equi | ter cut). RU cable spooler. 2" tubing & ESP. In 2-7/8" work string to 4060'. Set packer @ about 4050'. Teser shut off. Leave well SI 7-10 or gel production. production tubing. RD workover rig. ity Oil Company will request quity. |) days. Jalification for workover severance | tax credit allowed under Utah HB 110. |

STATE OF UTAH DIVISION OF OIL, GAS AND MINING

| | | | 5. Lease Designation and Serial Number: | | | |
|---|---|--|--|--|--|--|
| SUMBRY NOTICE | AND DECORTS ON WE | 110 | Fee | | | |
| SUNDRY NOTICE AND REPORTS ON WELLS | | | 6. If Indian, Allottee or Tribe Name: | | | |
| Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. | | | 7. Unit Agreement Name: | | | |
| Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals. | | | | | | |
| 1. Type of Well: | <u>-</u> | | 8. Well Name and Number: | | | |
| ☑ OIL ☐ GAS OTHER: | | | Ashley Valley No. 2 | | | |
| 2. Name of Operator: | | | 9. API Well Number: | | | |
| Equity Oil Company 3. Address and Telephone Number: | | | 430-47-15397 | | | |
| • | Day 050 Call also Oit LIT 0 | 4440 0050 (004) 504 0545 | 10. Field and Pool, or Wildcat: | | | |
| 10 West Third South, Suite 806 / P.O. 4. Location of Well | BOX 959 Sait Lake City, UT 8 | 4110-0959 (801) 521-3515 | Ashley Field | | | |
| Footages: 1666' F | SL, 1689' FWL | County: | y: Uintah | | | |
| QQ,Sec.,T.,R.,M.; NESW | Sec 22 TES D22E | _ | | | | |
| | | State: OF NOTICE, REPORT, OR OTHER D | DATA | | | |
| NOTICE OF INTE | | SUBSEQUENT | | | | |
| (aubmit in duplicat | a) | (Submit Origin | ginal Form Only) | | | |
| ☐ Abandonment ☐ Casing Repair | ☐ New Construction☐ Pull or Alter Casing | ☐ Abandonment | □ New Construction | | | |
| ☐ Change of Plans | ☐ Recompletion | ☐ Casing Repair☐ Change of Plans | ☐ Pull or Alter Casing ☐ Recompletion | | | |
| Conversion to Injection | ☐ Shoot or Acidize | ☐ Conversion to Injecti | | | | |
| ☐ Fracture Treat | ☐ Vent or Flare | ☐ Fracture Treat | ☐ Vent or Flare | | | |
| Multiple Completion | Water Shut-Off | Multiple Completion | n | | | |
| ☐ Other: | | ☐ Other: | | | | |
| Approximate date work will start: At | igust 5. 1997 | Date of work complete | etion: | | | |
| | | Report results of Multiple Cor WELL COMPLETION OR REC | Completion and Recompletions to different reservoirs on ECOMPLETION AND LOG form. | | | |
| | | | y a cament verification report. | | | |
| | | | | | | |
| 1) MIRU workover rig. Dig workover pit 2) Flow well to workover pit (99.9 % wa 3) P&LD submersible pump cable, 3-1/4) PU casing scraper for 7", 20#, RIH of 5) Run CBL on 7" casing. 6) PU packer & RIH on 2-7/8" tubing. 57) Pump 6200 bbl. gelled water for wate 8) MIRU workover rig. Swab test well for 9) POOH & LD 2-7/8" WS & Packer. 10) RIH w/new cable & ESP on 3-1/2" 11) Land tubing & rig up for pump test. At the completion of the workover, Equal | Iter cut). RU cable spooler. 2" tubing & ESP. In 2-7/8" work string to 4060'. Set packer @ about 4050'. Teser shut off. Leave well SI 7-10 or gel production. production tubing. RD workover rig. | 0 days. | D workover rig. DIV. OF OIL, GAS & M. Ce tax credit allowed under Utah HB 110. | | | |
| 13. Name & Signature: Brut P. (This space for State use only) | Narchast. | | Title: Staff Operations Engineer date: 07/31/97 | | | |
| | | APPROVED | BY THE STATE | | | |
| | | , | er ver til til termina ser til til milli | | | |

OF UTAH DIVISION OF OIL, GAS, AND MINING

(1/93)

September 2, 1998

UTAH STATE
DIVISION OF OIL, GAS AND MINING
1594 W. North Temple #1210
Salt Lake City, UT 84116-3154
Attn: John Baza

43-047-15397

DECEIVE

SEP 03 1998

DIV. OF OIL, GAS & MINING

RE: Ashley Valley #2
Subsequent report

Dear Mr. Baza,

Enclosed you will find the Subsequent Sundry report for the above listed well which we discussed last week.

If there is anything further, which you might require, please let me know.

Thank you,

Tabra A. Brisk

Engineering Technical Assistant

| | | | To the second second | | | | |
|--|---|---|------------------------------|-----------------------------------|--|--|--|
| | DIV OF O | I GAS & MINING | Fee | gnation and Serial Number: | | | |
| SUNDRY NOTICE AND R | | ELLS & MINING | | lottee or Tribe Name: | | | |
| Do not use this form for proposals to drill new wells, deep | en existing wells, or to ree | nter plugged and abandoned wells. | 7. Unit Agreement Name: | | | | |
| Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals. | | | | | | | |
| _ | | | | and Number: | | | |
| 2. Name of Operator: | AS OTHER: | | Ashley Val 9. API Well Nu | | | | |
| Equity Oil Company | | | 430-47-15 | | | | |
| 3. Address and Telephone Number: | Call de Ch. UT | 04440 0050 (004) 504 0545 | | Pool, or Wildcat: | | | |
| 10 West Third South, Suite 806 / P.O. Box 959 4. Location of Well | Sail Lake City, UT | 84110-0959 (801) 521-3515 | Ashley Fie | id - vveper | | | |
| Footages: 1666' FSL, 1689' | FWL | County: | Uintah | | | | |
| QQ,Sec.,T.,R.,M.; NESW Sec. 23, 1 | • | | Utah | | | | |
| 11. CHECK APPROPRIATE BOXES TO NOTICE OF INTENT | INDICATE NATURE | OF NOTICE, REPORT, OR OTHER DA | | | | | |
| (submit in duplicate) | | (Submit Original F | Form Only) | 7 | | | |
| | w Construction | ☐ Abandonment | | New Construction | | | |
| | II or Alter Casing | ☐ Casing Repair | | ☐ Pull or Alter Casing | | | |
| | completion | ☐ Change of Plans | | ☐ Recompletion | | | |
| ☐ Conversion to Injection ☐ Sh | oot or Acidize | ☐ Conversion to Injecti | ion [| ☐ Shoot or Acidize | | | |
| ☐ Fracture Treat ☐ Ve | nt or Flare | ☐ Fracture Treat | | ☐ Vent or Flare | | | |
| ☐ Multiple Completion ☐ Wa | iter Shut-Off | ☐ Multiple Completion | 1 | ■ Water Shut-Off | | | |
| Other: | | Other: | | | | | |
| Approximate date work will start: | | Date of work complet | tion: <i>03/04/98</i> | | | | |
| | | Report results of Multiple Com WELL COMPLETION OR RECO | pletion and Recomple | etions to different reservoirs on | | | |
| | | * Must be acompanied by | | | | | |
| | | massas assinpanes sy | a carrier version | and reports | | | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS measured and true vertical depths for all markers and zo | | | rectionally drilled, | give subsurface locations and | | | |
| As per previous sundry dated 07/31/97, the follow | wing has been com | pleted: | | | | | |
| MIRU workover rig. Pulled & LD 44 jts, 3-1/2' RIH to 4,055' GL, Ran CCL/GR 4,066' (log ba from 4,216' PBTD in open hole to surface. Rar & 7" casing to 450 psi for 15 min - held good. I | se of 7" casing) to o retrievable packer | cement top @ 2,900'. Ran downhole on 2-7/8" tubing, set packer @ 3,9 | e video | or . | | | |
| 2) RU TIORCO for WSO treatment. Pumped 2,2 | 03 bbl of polymer. | RD TIORCO 09/20/97. | | | | | |
| 3) Swabbed back about 265 bbl of polymer and | 141 bbl OCW 10/03 | 3/97-10/05/97. | | | | | |
| 4) MIRU WO rig, P&LD 2-7/8" work string & pact Changed out transformers & surface electrical The string of the s | | | ?" tubing. | | | | |
| 5) Ran test pump 10/13/97- 03/03/98. | | | | | | | |
| 6) MIRU WO rig. P&LD test pump. PU production variable speed drive & reset transformers. RD | | • • | ed | | | | |
| Copy of CBL attached. | | | | | | | |
| 13. | |) | | | | | |
| Name & Signature: Brent P. Ma | rchant | - Brent P. Marchant | Title: <u>Producti</u> | ion Manager date: 09/02/98 | | | |

(This space for State use only)

WO fax credit 9/98

SEP 02'98 8:36 No.001 P.01

| | | | 6. Lasse Designation and Serial Number: | | | |
|---|--|--|--|--|--|--|
| | | | Fee | | | |
| SUNDRY NOTICE AND REPORTS ON WELLS | | ELLS | 6. If Indian, Allottes or Tribe Name; | | | |
| Do not use the form for proposale to still new wells, despon existing wells, or to reentw phagent and absorbaned woke. | | | 7. Unit Agreement Name: | | | |
| Line APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such preposes. | | | S. Well Name and Number: | | | |
| 1. Type of Well: | _ | | | | | |
| | OIL D GAS OTHER: | | Ashley Valley No. 2 | | | |
| 2. Name of Operators | | | 6. APT Well Number: | | | |
| Equity Oil Company | | | 430-47-15397 | | | |
| 3. Address and Telephone Number: 10 West Third South, Suite 806 / P | O. Box 958 Sell Lake City, UT | 64110-0959 (801) 621-3515 | 10. Field and Pool, of Wildest: Ashley Field - Weber | | | |
| 4. Location of Well Footages: 166 | 6' FSL, 1689' FWL | Сомпу; | Uinteh | | | |
| Man T B M . NES | SW Sec. 23, T6S, R22E | State: | litah | | | |
| | | OF NOTICE, REPORT, OR OTHER DA | | | | |
| NOTICE OF | | SUBBEQUENT | The state of the s | | | |
| NOTICE OF | | Sylvent Crime P | | | | |
| ☐ Abendonment | D New Construction | Abandonment | ☐ New Construction | | | |
| Caving Repair | Pull or Alter Casing | ☐ Casing Repair | □ Pull of Alter Casing | | | |
| Change of Plans | Recompletion | ☐ Change of Plans ☐ Conversion to Injecti | ☐ Recompletion on ☐ Shoot or Acidize | | | |
| Conversion to Injection Fracture Treat | ☐ Shoot or Acidize ☐ Vent or Flare | D Fracture Treat | D Vent or Flare | | | |
| ☐ Multiple Completion | ☐ Water Shut-Off | () Multiple Completion | Water Shut-Off | | | |
| Otheri | - | Date of work complete | | | | |
| Approximate date work will start | | - | | | | |
| | | Rispeti rusulla of Abilipia Dam WELL COMPLE Isola del RECO | | | | |
| | | ' Milet be acompanied by | s cament verification report | | | |
| from 4,216' PBTD in open hole to 8.7" casing to 450 psi for 16 min 2) RU TIORCO for WSO treatment 3) Swabbed back about 286 bbl of 4) MIRU WO rig, P&LD 2-7/8" word Changed out transformers & sur 5) Ran test pump 10/13/97- 03/03/ 6) MIRU WO rig, P&LD test pump. | o 44 fts, 3-1/2" lubing & submersit 4,088' (log base of 7" casing) to co o eurface. Ren retrievable packer - held good, RD WO rig 09/10/97 t. Pumped 2,203 bitl of polymer. If polymer and 141 bbl OCW 10/03 k abring & packer. PU rental subm rface electrical equipment for test. | ble pump. PU 6-1/8" bit & casing sc rement top @ 2,900". Ran downhol on 2-7/8" fubing, set pecker @ 3,9 ". RD TIORCO 09/20/97. W97-10/05/97. Hersible pump & RIH on 99 jts, 3-1/2. RD WO ng 10/12/97. | e video 48°, PT packer 2° tubing. | | | |
| 19. Marrie & Signishire: Brent ((This space for State use only) | ?Marchant | - Brant P. Marchant | Title: <u>Production Manager</u> deter 09/02/98 | | | |
| from above on once end outil | | | | | | |

STATE OF UTAH DIVISION OF OIL, GAS AND MINING

| | | | 5. Lease Designation and Serial Number: | | | | |
|---|---|--|---|--|--|--|--|
| | | | Fee | | | | |
| SUNDRY NOTICE AND REPORTS ON WELLS | | | 6. If Indian, Allottee or Tribe Name: | | | | |
| | | | 7. Unit Agreement Name: | | | | |
| Use APPLICATION FOR PERMI 1. Type of Well: | T TO DRILL OR DEEPEN form for such | proposals. | 8. Well Name and Number: | | | | |
| × OIL | ☐ GAS OTHER: | | Ashley Valley No. 2 | | | | |
| 2. Name of Operator: | GAS OTHER: | | 9. API Well Number: | | | | |
| Equity Oil Company | | | 430-47-15397 | | | | |
| 3. Address and Telephone Number: | | | 10. Field and Pool, or Wildcat: | | | | |
| 10 West Third South, Suite 806 / P.O. B | ox 959 Salt Lake City, UT | 84110-0959 (801) 521-3515 | Ashley Field - Weber | | | | |
| 4. Location of Well | | | | | | | |
| Footages: 1666' FS | L, 1689' FWL | County: | Uintah | | | | |
| QQ,Sec.,T.,R.,M.; NESW S | | | Utah | | | | |
| 11. CHECK APPROPRIATE BO | XES TO INDICATE NATURE C | OF NOTICE, REPORT, OR OTHER DAT | Ά. | | | | |
| NOTICE OF INTER | | SUBSEQUENT (Submit Origin | | | | | |
| (submit in deplicate) Abandonment | ☐ New Construction | □ Abandonment | New Construction | | | | |
| ☐ Casing Repair | ☐ Pull or Alter Casing | Casing Repair | ☐ Pull or Alter Casing | | | | |
| ☐ Change of Plans | Recompletion | ☐ Change of Plans | Recompletion | | | | |
| ☐ Conversion to Injection | Shoot or Acidize | ☐ Conversion to Injection ☐ Fracture Treat | on ☐ Shoot or Acidize ☐ Vent or Flare | | | | |
| ☐ Fracture Treat ☐ Multiple Completion | ☐ Vent or Flare ☑ Water Shut-Off | ☐ Multiple Completion | ☐ Water Shut-Off | | | | |
| Other: | | Other: | | | | | |
| Approximate date work will start: Octo | her 6. 1999 | Date of work complet | ion: | | | | |
| Approximate date work will start 2012 | 201 01 1000 | Report results of Multiple Co | mpletion and Recompletions to different reservoirs on | | | | |
| | | WELL COMPLETION OR REC | OMPLETION AND LOG form. | | | | |
| | | " Must be acompanied by a | a cement verification report. | | | | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPER measured and true vertical depths for all marks. 1) MIRU workover rig. Dig workover pit. 2) Flow well to workover pit. RU cable signal and signal | adjacent to wellhead. pooler. P. et packer @ about 3,350'. R er shut off. Leave well SI 5 d er gel production. etion tubing. D workover rig. ty Oil Company will request | RD workover rig. lays. | | | | | |
| Name & Signature: Drund F. | Marchan | Verent P. Marchant | Title: Production Manager date: 10/21/99 | | | | |
| (This space for State use only) | | | | | | | |
| | | | E REFIELD | | | | |

NOV 1 1999

DIV. OF OIL, GAS & MINING

STATE OF UTAH DIVISION OF OIL, GAS AND MINING

| | | | 5. Lease Designation and Serial Number: | | |
|--|--|---|--|--|--|
| | | | Fee | | |
| SUNDRY NOTICE AND REPORTS ON WELLS | | | 6. If Indian, Allottee or Tribe Name: | | |
| Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. | | | 7. Unit Agreement Name: | | |
| | IT TO DRILL OR DEEPEN form for suc | ch proposals. | 8. Well Name and Number: | | |
| 1. Type of Well: | | | | | |
| ▼ OIL | ☐ GAS OTHER: | | Ashley Valley No. 2 | | |
| 2. Name of Operator: | | | | | |
| Equity Oil Company | | | 430-47-15397 10. Field and Pool, or Wildcat: | | |
| 3. Address and Telephone Number: | | 04440 0050 (904) 524 2545 | Ashley Field - Weber | | |
| 10 West Third South, Suite 806 / P.O. B | ox 959 Salt Lake City, UT | 84110-0959 (801) 521-3515 | Astriey Field - Weber | | |
| 4. Location of Well Footages: 1666' FS | L, 1689' FWL | County | : Uintah | | |
| QQ,Sec.,T.,R.,M.; NESW S | ec. 23, T5S, R22E | | : Utah | | |
| 11. CHECK APPROPRIATE BO | XES TO INDICATE NATURE (| OF NOTICE, REPORT, OR OTHER DA | ATA. | | |
| NOTICE OF INTEN | IT | SUBSEQUEN (Submit Original | | | |
| (submit in duplicate) Abandonment Casing Repair Change of Plans Conversion to Injection Fracture Treat Multiple Completion Other: Approximate date work will start: 12. DESCRIBE PROPOSED OR COMPLETED OPE measured and true vertical depths for all mar As per the previous sundry dated 10/21 | RATIONS (Clearly state all pertinent kers and zones pertinent to this wor | WELL COMPLETION OR REG * Must be acompanied b t details, and give pertinent dates. If well is di rk.) | □ New Construction □ Pull or Alter Casing □ Recompletion □ Shoot or Acidize □ Vent or Flare ion ■ Water Shut-Off | | |
| 2) RU to pump polymer WSO treatment 3) Swabbed back polymer and formatio 4) Ran variable speed submersible test 5) WO workover rig 12/23/99 - 01/29/00 5) Well on production 02/03/00. | t. Pumped 5044 bbl polyme in fluids to clean up prior to equipment 10/26/99. Teste D. Pulled test equipment & r | er treatment in 6 days. Left well SI production. ed well for 58 days. Designed app. ran production pump. | retrievable packer on 3-1/2" tubing to 3340'. 6 days. ropriate submersible pump based on test data. | | |
| Name & Signature: Brent P. | Marchan | - Brent P. Marchant | Title: Production Manager date: 3/06/00 | | |

(This space for State use only)

RECEIVED

MAR 0 7 2000

DIVISION OF OIL, GAS AND MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

| 1 | DIVISION OF OIL, GAS AND M | INING | 5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list |
|---|--|---|--|
| SUNDRY | NOTICES AND REPORT | S ON WELLS | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A |
| On not use this form for proposals to drill no | new wells, significantly deepen existing wells below outlierals. Use APPLICATION FOR PERMIT TO DRILL | urrent bottom-hole depth, reenter plugged wells, or to | 7. UNIT OF CA AGREEMENT NAME: |
| 1. TYPE OF WELL OIL WELL | GAS WELL OTHER | Turnio sua proposas. | 8. WELL NAME and NUMBER: See attached list |
| 2. NAME OF OPERATOR: Whiting Oil and Gas Corpo | oration | | 9. API NUMBER: |
| 3. ADDRESS OF OPERATOR: 1700 Broadway #3300 | - | PHONE NUMBER: (303) 837-1661 | 10. FIELD AND POOL, OR WILDCAT: |
| 4. LOCATION OF WELL | | | way was a garger of a control of the |
| FOOTAGES AT SURFACE: QTR/QTR, SECTION, TOWNSHIP, RANG | CE MEDIDANI A A A A A A A A A A A A A A A A A A | | COUNTY: |
| There, section, rownship, rain | JE, MERIDIAN. | | STATE: UTAH |
| 11. CHECK APPR | OPRIATE BOXES TO INDICAT | TE NATURE OF NOTICE, REPO | RT, OR OTHER DATA |
| TYPE OF SUBMISSION | | TYPE OF ACTION | |
| NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start | ACIDIZE ALTER CASING CASING REPAIR | DEEPEN FRACTURE TREAT NEW CONSTRUCTION | REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON |
| SUBSEQUENT REPORT (Submit Original Form Only) | CHANGE TO PREVIOUS PLANS CHANGE TUBING CHANGE WELL NAME | OPERATOR CHANGE PLUG AND ABANDON PLUG BACK | TUBING REPAIR VENT OR FLARE WATER DISPOSAL |
| Date of work completion: | CHANGE WELL STATUS COMMINGLE PRODUCING FORMATIONS CONVERT WELL TYPE | PRODUCTION (START/RESUME) RECLAMATION OF WELL SITE RECOMPLETE - DIFFERENT FORMATION | OTHER: |
| _ | | pertinent details including dates, depths, volume mediates of Company to Whiting 6 | |
| Whiting Oil and Gas Corpo 1700 Broadway, Suite 230 Denver, CO 80290 (303) 837-1661 | oration 0 N 2 680 | BLM Bond# State/fee Bond#R | LB0004585 |
| Equity Oil Company P.O. Box 310 | | ROVED 9/30/04 | RECEIVED SEP 0 1 2034 |
| 1239 Rumsey Avenue Cody, Wyoming 84414-03 | 10 Ear | lene Rissell | |
| Equity Oil Company | Earlone | Russell, Engineering Technicis | DIV. OF OIL, CAS & MINING |
| SIGNATURE / John Haz | CHOR DAVID M. SEERY | DATE August 2 | Egaity Oil Company Heard Attorney-In-Fact 1, 2004 |
| ME (PLEASE PRINT) James Brown | Sum | Vice President of Op | |
| | | 3 | |

| Pl Well Number | Current Operator | Well Name | Well Type | . Wall Status | 14 - 12 | | | | | | | | |
|-------------------|--------------------|-----------------------|-----------|---------------|--------------------|---------|------------|--------|---------|---------|-------|------------|-----------|
| | 1 | | 1 | Jon Country | Location (Two-Ring | Section | Twpn 1 | wpd Rn | an Rnad | OtriOtr | D Ne | No D | LEWEN |
| 3-047-15684-00-00 | EQUITY OIL COMPANY | USA PAN AMERICAN 3 | | | | | | | | 30130 | 16.10 | 25.0 | P EM EM |
| 3-047-15398-00-00 | EQUITY OIL COMPANY | ASHLEY VALLEY FED 2-A | Oil Well | Temporarily | 5S-22E | 26 | 5.8 | | 22 E | NENW | 000 | <u>ا</u> ا | |
| 3-047-15396-00-00 | EQUITY OIL COMPANY | ASHLEY VALLEY FEE 1 | Gas vveil | Shul-in | 5S-22E | 23 | 5 8 | | | | 330 | | 1650 W |
| -047-15403-00-00 | EQUITY OIL COMPANY | | Oil Well | Shut-In | '5\$-22E | 23 | | | | NWSW | 1660 | S | 1275 W |
| -047-15400-00-00 | EQUITY OIL COMPANY | ASHLEY VALLEY 7 | Oil Well | | 5S-22E | | 5 5 | | | NWSW | 2685 | N | 725 W |
| | EQUITY OIL COMPANY | ASHLEY VALLEY 4 | Oil Well | | 5S-22E | 23 | 5 \$ | | 22 E | SENW | 2103 | N | 1650 W |
| -047-15037-00-00 | EQUITY OIL COMPANY | ASHLEY VALLEY 2 | Oil Well | | | 23 | 5 S | | 22 E | NWSW | 1662 | | 971 W |
| -047-15688-00-00 | EQUITY OIL COMPANY | USA PAN AMERICAN 5 | - | T | 5S-22E | 23 | 5 S | | | NESW | 1666 | | |
| -047-15882-00-00 | EQUITY OIL COMPANY | USA PAN AMERICAN 1 | | 10 | 5S-22E | 26 | 5 S | | | NENE | | | 1689 W |
| -047-15401-00-00 | EQUITY OIL COMPANY | ASHLEY VALLEY 5 | | Producing | 5S-22E | 23 | 5.S | | | | 330 | | 990E |
| -047-15685-00-00 | EQUITY OIL COMPANY | | | Producing | 5S-22E | 22 | 5 5 | | | SWSW | 990 | | 990 W |
| | EQUITY OIL COMPANY | USA PAN AMERICAN 4 | Oil Well | Producing | 5S-22E | | | | | NESE | 1690 | S | 348 E |
| | ECHTY OIL COMPANY | PREECE 1 | | D 0 1 | 5S-23E | 22 | <u>5</u> S | | | SESE | 990 | s T | 330 E |
| | EQUITY OIL COMPANY | ASHLEY VALEY FEE 11-5 | Oil Well | | | 19 | 5 5 | | 23 E | CNWSW | 1980 | | 665 W |
| 2023 1-00-00 | EQUITY OIL COMPANY | ASHLEY VALLEY 1-E | | DOA | 5S-22E | 23 | 5 S | 2 | 2 E | NWSW | 1860 | | |
| | | | 1-11-14-1 | 1 47 | 5S-22E | 23 | 5 S | | | C SW | 1335 | | 539 W |

SEP 2 9 2004

OPERATOR CHANGE WORKSHEET

| ROUTING | |
|---------|--|
| 1. GLH | |
| 2. CDW | |
| 3. FILE | |

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

| The operator of the well(s) listed below has char | iged, | effectiv | e: | in a little for | irin mag | 0/1/2004 | | | |
|---|--------------|--------------|--|-------------------------------------|--|--------------|--|--------------|--|
| FROM: (Old Operator): | | | | TO: (New O | perator): | | | | |
| | | | | N2680-Whiting Oil & Gas Corporation | | | | | |
| PO Box 310 | | | | | Broadway, S | • | | | |
| Cody, WY 84414-0310 | | | | | r, CO 80290 | | | | |
| Phone: 1-(307) 587-7812 | • | | | | | | | | |
| CA No. | , | | | Phone: 1-(303) Unit: | · · · · · | | | | |
| WELL(S) | | | | | | | | | |
| NAME | SEC | TWN | RNG | API NO | ENTITY | LEASE | WELL | WELL | |
| | | | | | NO | TYPE | TYPE | STATUS | |
| ASHLEY VALLEY 5 | 22 | 050S | 220E | 4304715401 | | Fee | OW | P | |
| ASHLEY VALLEY FEE 1 | 23 | 050S | | 4304715396 | 260 | Fee | OW | S | |
| ASHLEY VALLEY 2 | 23 | 050S | | 4304715397 | | Fee | OW | P | |
| ASHLEY VALLEY FED 2-A | 23 | | | 4304715398 | 10682 | | GW | S | |
| ASHLEY VALLEY 4 | 23 | | 1 | 4304715400 | | Fee | OW | P | |
| ASHLEY VALLEY 7 | 23 | | | 4304715403 | | Fee | OW | P | |
| ASHLEY VALLEY FEE 11-5 | 23 | | | 4304715407 | 99998 | | NA | PA | |
| ASHLEY VALLEY 1-E | 23 | | | 4304720251 | 99998 | | NA | PA | |
| PREECE 1 | 19 | 050S | 230E | 4304710363 | 99998 | Fee | ow | PA | |
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| | | .L | <u> </u> | L | <u> </u> | <u> </u> | <u></u> | <u> </u> | |
| OPERATOR CHANGES DOCUMENT Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation w | as rec | ceived 1 | | | | 9/1/2004 | _ | | |
| 2. (R649-8-10) Sundry or legal documentation w | as rec | ceived i | from the | NEW operator | on: | 9/1/2004 | <u>-</u> | | |
| | | | | | | | | | |
| 3. The new company was checked on the Depart | tment | t of Co | mmerce | e, Division of C | orporation | s Database | on: | 9/28/2004 | |
| 4. Is the new operator registered in the State of U | | | | Business Num | | 5426359-014 | | | |
| 5. If NO, the operator was contacted contacted o | | | • | - | | | | | |
| • | | | | | | | | | |
| 6a. (R649-9-2)Waste Management Plan has been r | eceiv | ed on: | | IN PLACE | | | | | |
| 6b. Inspections of LA PA state/fee well sites comp | | | | *** | - All transfe | erred to Wh | iting Oil | as they | |
| | | • | | | | Equity Oil's | _ | - | |

| 7. Federal and Indian Lease Wells: The BLM and or the lor operator change for all wells listed on Federal or Indian leases of | | ed the n | nerger, na - ^{n/a} | _ | ge, n/a |
|---|---|------------------------|--------------------------------|----------------------------|---------------|
| 8. Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for | or wells listed on: | | n/a | | |
| 9. Federal and Indian Communization Agreements (' The BLM or BIA has approved the operator for all wells listed to | | | n/a | | |
| 10. Underground Injection Control ("UIC") The D Inject, for the enhanced/secondary recovery unit/project for the w | Division has approve vater disposal well(s | | | nsfer of Au <u>n</u> /a | uthority to |
| DATA ENTRY: | | | <u> </u> | | |
| 1. Changes entered in the Oil and Gas Database on: | 9/30/2004 | | | | |
| 2. Changes have been entered on the Monthly Operator Change Sp | pread Sheet on: | | 9/30/2004 | <u>4</u> | |
| 3. Bond information entered in RBDMS on: | 9/30/2004 | | | | |
| 4. Fee/State wells attached to bond in RBDMS on: | 9/30/2004 | | | | |
| 5. Injection Projects to new operator in RBDMS on: | n/a | | | | |
| 6. Receipt of Acceptance of Drilling Procedures for APD/New on: | | n/a | | | |
| FEDERAL WELL(S) BOND VERIFICATION: | | | | | |
| 1. Federal well(s) covered by Bond Number: | n/a | | | | |
| INDIAN WELL(S) BOND VERIFICATION: | | | | | |
| 1. Indian well(s) covered by Bond Number: | n/a | | | | |
| FEE & STATE WELL(S) BOND VERIFICATION: 1. (R649-3-1) The NEW operator of any fee well(s) listed covered by | by Bond Number | | RLB00045 | 85 | |
| 2. The FORMER operator has requested a release of liability from the Division sent response by letter on: | neir bond on: | *** | _Whiting a | issumed E | Equity's bond |
| LEASE INTEREST OWNER NOTIFICATION: 3. (R649-2-10) The FORMER operator of the fee wells has been correct of their responsibility to notify all interest owners of this change of | | ed by a le 0/5/2004 | | e Division | |
| COMMENTS: | | | | | |
| | | | | | |
| | | | <u> </u> | | |
| | | | | | |
| | | | | | |

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

Operator Name Change/Merger X Change of Operator (Well Sold) The operator of the well(s) listed below has changed, effective: 12/1/2006 FROM: (Old Operator): **TO:** (New Operator): N3085-Western Energy Operating, LLC N2680-Whiting Oil & Gas Corporation 43.047.15397 436 N Conwell St 1700 Broadway, Suite 2300 Casper, WY 82601 Denver, CO 80290 Phone: 1 (307) 266-1971 Phone: 1 (303) 837-1661 Unit: **OPERATOR CHANGES DOCUMENTATION** Enter date after each listed item is completed 12/5/2006 (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12/5/2006 (R649-8-10) Sundry or legal documentation was received from the NEW operator on: 3. The new company was checked on the Department of Commerce, Division of Corporations Database on: 7/13/2006 Yes Business Number: 6268815-0161 4a. Is the new operator registered in the State of Utah: IN PLACE 5a. (R649-9-2)Waste Management Plan has been received on: 5b. Inspections of LA PA state/fee well sites complete on: n/a ok 5c. Reports current for Production/Disposition & Sundries on: 6. Federal and Indian Lease Wells: The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA n/a 7. Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for wells listed on: n/a 8. Federal and Indian Communization Agreements ("CA"): The BLM or BIA has approved the operator for all wells listed within a CA on: n/a The Division has approved UIC Form 5, Transfer of Authority to 9. Underground Injection Control ("UIC") Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a **DATA ENTRY:** 1. Changes entered in the Oil and Gas Database on: 12/28/2006 Changes have been entered on the Monthly Operator Change Spread Sheet on: 12/28/2006 2. Bond information entered in RBDMS on: 12/28/2006 Fee/State wells attached to bond in RBDMS on: 12/28/2006 **BOND VERIFICATION:** Federal well(s) covered by Bond Number: UTB000239 n/a Indian well(s) covered by Bond Number: 3a. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number F18532 3b. The FORMER operator has requested a release of liability from their bond on: n/a LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division

of their responsibility to notify all interest owners of this change on:

COMMENTS:

12/28/2006

FORM 9 STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES S. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING See attached list S. IF INDIAN, ALLOTTEE OR TRIBE NAME SUNDRY NOTICES AND REPORTS ON WELLS N/A 7. UNIT OF CA AGREEMENT NAME: Do not use this form for proposals to stiff now waits, significantly deepen extering waits below current bottom-hole gitt horizontal laterals. Use APPLICATION POR PERMIT TO DRILL term for such pro-R WELL NAME and NUMBER: 1. TYPE OF WELL GAS WELL See attached list OIL WELL S. APINUMBER: 2. NAME OF OF MATOR: N 3085 Western Energy Operating, LLC 10. FIELD AND POOL OR WILDCAY HONE NUMBER 1 ADDRESS OF OPERAYOR: (307) 266-1971 STATE WY ZIP 82601 CITY Casper 436 N Conwell 4, LOCATION OF WELL POOTAGES AT SURFACE: Sine attached: list country: Uintah CTRICTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF ACTION TYPE OF SUBMISSION REPERFORATE CURRENT FORMATION DEEPEN ACIDIZE NOTICE OF INTENT (Submit in Duplicate) SIDETRACK TO REPAIR WELL FRACTURE TREAT ALTER CASING TEMPORARILY ABANDON NEW CONSTRUCTION CASING REPAIR Ambrovivete date work will start TURING REPAIR OPERATOR CHANGE CHANGE TO PREVIOUS PLANS VENT OR FLARE CHANGE TUBING PLLIG AND ABANDON PLUG BACK WATER DISPOSAL SUBSEQUENT REPORT
(Submit Original Form Only) CHANGE WELL NAME PRODUCTION (START/RESUME) WATER SHUT-OFF CHANGE WELL STATUS COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE RECOMPLETE - DIFFERENT FORMATION CONVERT WELL TYPE 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all portinent details including dates, depths, volumes, etc. Effective 12/01/2006, please change the Operator of record from Whiting Oli and Gas Corporation to Western Energy Operating, LLC (see attached well list). Whiting Oil and Gas Corporation N2680 1700 Broadway Suite 2300 **Denver CO 80290**

Whiting Oil and Gas Corporation
1700 Broadway Suite 2300
Denver CO 80290
303-837-1661

Western Energy Operating, LLC
436 N Conwell

BLM Bond # UTB 000239

| NAME (PLEASE PRINT) RICK A ROSS | TITUE | Asset Manager |
|--|-------|---------------|
| SIGNATURE Such Von | DATE | 11/30/2006 |
| NAME (PLEASE PRINT) Par Lan Hayara Comments | mus | |
| SIGNATURE STATE ST | ETAÇ | |

(This space for State use ettly)

436 N Conwell Casper WY 82601

307-266-1971

(E/2000)

APPROVED 13 138 106

Division of Oil, Gas and Mining

Earlene Russell, Engineering Technician

RECEIVED

DEC 0 5 2006

DIV. OF OIL, GAS & MINING

WHITING OIL GAS CORPORATION (N2680) TO WESTERN ENERGY OPERATING, LLC (N3085)

| well_name | sec | twp | rng | api | entity | lease | well | stat | qtr qtr | 1 num | op no | flag | unit |
|-----------------------|-----|------|------|------------|--------|---------|------|------|---------|-------------|-------|------|---------------------------------------|
| ASHLEY VALLEY 2 | 23 | 050S | 220E | 4304715397 | 260 | Fee | OW | | NESW | | N2680 | | |
| ASHLEY VALLEY FED 2-A | 23 | 050S | 220E | 4304715398 | 10682 | Fee | GW | S | NWSW | | N2680 | | |
| ASHLEY VALLEY 4 | 23 | 050S | 220E | 4304715400 | 260 | Fee | OW | 4 | NWSW | + | N2680 | | ÷··- |
| ASHLEY VALLEY 5 | 22 | 050S | 220E | 4304715401 | 260 | Fee | OW | P | NESE | | N2680 | | |
| ASHLEY VALLEY 7 | 23 | 050S | 220E | 4304715403 | 260 | Fee | OW | P | SENW | + | N2680 | | |
| USA PAN AMERICAN 1 | 23 | 050S | 220E | 4304715682 | 220 | Federal | OW | P | SWSW | SL-065759 | - | | + |
| USA PAN AMERICAN 4 | 22 | 050S | 220E | 4304715685 | 220 | Federal | OW | P | | SL-065759 | | | · · · · · · · · · · · · · · · · · · · |
| USA PAN AMERICAN 5 | 26 | 050S | 220E | 4304715686 | 220 | Federal | OW | P | | SL-065759 | · | | |

| STATE OF UTAH | FORM 9 |
|--|--|
| DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING | 5. LEASE DESIGNATION AND SERIAL NUMBER: Fee |
| SUNDRY NOTICES AND REPORTS ON WELLS | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or a drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | 7. UNIT or CA AGREEMENT NAME: UTU85845X |
| 1. TYPE OF WELL OIL WELL GAS WELL OTHER | 8. WELL NAME and NUMBER: Ashley Valley 2 (AVU4) |
| 2. NAME OF OPERATOR: | 9. API NUMBER: 4304715397 |
| Western Energy Operating, LLC 3. ADDRESS OF OPERATOR: PHONE NUMBER: | 10. FIELD AND POOL, OR WILDCAT: |
| 439 N Conwell St CITY Casper STATE WY ZIP 82601 (307) 472-0720 | Ashley Valley, Weber |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1666' FSL, 1689' FWL | COUNTY: Uintah |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 23 5S 22E | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REF | PORT, OR OTHER DATA |
| TYPE OF SUBMISSION TYPE OF ACTION | |
| ✓ NOTICE OF INTENT ACIDIZE ✓ DEEPEN | REPERFORATE CURRENT FORMATION |
| (Submit in Duplicate) ALTER CASING FRACTURE TREAT | SIDETRACK TO REPAIR WELL |
| Approximate date work will start: CASING REPAIR NEW CONSTRUCTION | TEMPORARILY ABANDON |
| 5/27/2008 CHANGE TO PREVIOUS PLANS OPERATOR CHANGE | TUBING REPAIR |
| CHANGE TUBING PLUG AND ABANDON | VENT OR FLARE |
| SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK | WATER DISPOSAL |
| (Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME) | WATER SHUT-OFF |
| Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE | OTHER: |
| CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATI | ON |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, vo | olumes, etc. |
| Western Energy Operating, LLC will pressure test the Ashley Valley #2 (AVU4) production 5/28/2008. The Ashley Valley #2 (AVU4) will then be deepened 105' to a total depth of 4 will remain in the Weber formation. An adjustable tubing tail will be run below a nickel contain a new 2 7/8", 6.5#, J-55, fiberglass lined tubing string. | 323' using a 6 1/4" PDC. The new TD |
| | RECEIVED |
| COPY SENT TO OPERATOR | JUN 0 5 2008 |
| Dete: 7-7-2008 Initials: K5 | OF OIL, GAS & MINING |
| NAME (PLEASE PRINT) Paul m Hannah TITLE Operations Ma | anager |

(This space for State use only) APPROVED BY THE STATE

OF UTAH DIVISION OF OIL, GAS, AND MINING

(See Instructions on Reverse Side)

6/5/2008

DATE

SIGNATURE

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

| COKIM 9 | FORM | 4 9 |
|---------|------|------------|
|---------|------|------------|

| | DIVISION OF OIL, GAS A | RESOURCES ND MINING | | 5. LE | ASE DESIGNATION AND SERIAL NUMBER: | | | | | |
|--|--|--------------------------------|------------------------------|-------------|---|--|--|--|--|--|
| | <u> </u> | | | | | | | | | |
| SUNDRY | 6. IF | NOIAN, ALLOTTEE OR TRIBE NAME: | | | | | | | | |
| Do not use this form for proposals to drill in dril. horizontal to | 7. UN | T of CA AGREEMENT NAME: | | | | | | | | |
| OIL WELL | GAS WELL O | THER | | 8. WE | LL NAME and NUMBER: | | | | | |
| 2. NAME OF OPERATOR: | | | | 9. AP | NUMBER: | | | | | |
| Western Energy Operating 3. ADDRESS OF CPERATOR: | g, LLC | | | | | | | | | |
| 439 N Conwell St | Y Casper STATE V | VY _{ZIP} 82601 | PHONE NUMBER: (307) 472-0720 | | ELD AND POOL, OR WILDCAT: hley Valley, Weber | | | | | |
| 4. LOCATION OF WELL | | | | | | | | | | |
| FOOTAGES AT SURFACE: | FOOTAGES AT SURFACE: COUNTY: | | | | | | | | | |
| QTR/QTR, SECTION, TOWNSHIP, RAN | GE, MERIDIAN: | | | STATE | : : | | | | | |
| 11. CHECK APPE | PODDIATE POVED TO III | D) | | | UTAH | | | | | |
| TYPE OF SUBMISSION | ROPRIATE BOXES TO IN | | | RT, O | R OTHER DATA | | | | | |
| | ACIDIZE | | PE OF ACTION | | | | | | | |
| NOTICE OF INTENT (Submit in Duplicate) | ALTER CASING | DEEPEN | | | REPERFORATE CURRENT FORMATION | | | | | |
| Approximate date work will start: | CASING REPAIR | FRACTURE | | ᆜ | SIDETRACK TO REPAIR WELL | | | | | |
| ,, | CHANGE TO PREVIOUS PLANS | MEW CONS | | | TEMPORARILY ABANDON | | | | | |
| | CHANGE TUBING | OPERATOR | | | TUBING REPAIR | | | | | |
| SUBSEQUENT REPORT | | PLUG AND | | | VENT OR FLARE | | | | | |
| (Submit Original Form Only) | CHANGE WELL NAME | PLUG BACK | | | WATER DISPOSAL | | | | | |
| Date of work completion; | CHANGE WELL STATUS | | N (START/RESUME) | | WATER SHUT-OFF | | | | | |
| | COMMINGLE PRODUCING FORM. CONVERT WELL TYPE | = | ON OF WELL SITE | | OTHER: | | | | | |
| 12 DECORIDE 2000000 00 00 | | | E - DIFFERENT FORMATION | | | | | | | |
| 12. DESCRIBE PROPOSED OR CO | | | | | | | | | | |
| Operator is requesting the | following well in the Ashley | y Valley (Park City/ | Weber) Unit be char | ged. | | | | | | |
| API Current Well I | Name New Well Name | 1/4 1/4 Sec T | wn Rng Field Nu | ~ | | | | | | |
| >4304715397 ASHLEY VA | ALLEY 2 AVU 04 | | OS 220E 545 | 11 | | | | | | |
| 4304715400 ASHLEY VA | ALLEY 4 AVU 03 | | OS 220E 545 | | | | | | | |
| 4304715401 ASHLEY VA 4304715403 ASHLEY VA | ALLEY 5 AVU 02 ALLEY 7 AVU 01 | | OS 220E 545 | | | | | | | |
| 4304715489 THOMAS HA | ALL FEE 1 AVU 08 | | OS 220E 545 OS 220E 545 | | | | | | | |
| 4304715591 THOMAS HA | ALL FEE 1 AVU 07 | | OS 220E 545 OS 220E 545 | | | | | | | |
| 4304715592 THOMAS HA | ALL FEE 2 AVU 11 | | OS 220E 545 | | | | | | | |
| 4304715593 THOMAS E | HALL 3 AVU 09 | | 0S 220E 545 | | | | | | | |
| 4304715594 THOMAS E | | | OS 220E 545 | | | | | | | |
| 4304715682 USA PAN AN | | | 0S 220E 545 | | | | | | | |
| 4304715685 USA PAN AN 4304715686 USA PAN AN | · | | 0S 220E 545 | | | | | | | |
| 40047 70000 USA PAN AN | MERICAN 5 AVU 10 | NENE 26 050 | S 220E 545 | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| NAME (PLEASE PRINT) Paul m Han | inah | TITLE | Operations Manag | er | | | | | | |
| SIGNATURE Form Ha | men! | DATE | 1/11/2010 | | | | | | | |
| | | | | | | | | | | |

(This space for State use only)

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JAN 1 1 2010



Western Energy Operating, LLC

439 North Conwell St Casper, Wyoming 82601 307-472-0720

| | FAX | |
|-------|---|---------------------------|
| To: | Oth Pir of 000, Goo, - Mining | |
| Attn: | Carol Daniels | |
| Fax: | 801-359-3940 | |
| From: | Western Energy Operating, LLC Fax: 307-472-0728 Voice: 307-472-0720 | |
| Re: | | |
| | | |
| Pages | (including cover): 2 | |
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| | | DIV. OF OIL, GAS & MINING |
| | | |

Division of Oil, Gas and Mining

Operator Change/Name Change Worksheet-for State use only

Effective Date:

12/1/2014

| FORMER OPERATOR: | NEW OPERATOR: |
|-------------------------------------|-----------------------------------|
| WESTERN ENERGY OPERATING, LLC N3085 | GOLDEN STATE OPERATING, LLC N4160 |
| 439 N CORNWELL STREET | 12625 HIGH BLUFF DRIVE # 310 |
| CASPER WY 82601 | SAN DIEGO CA 92130 |
| 307-472-0720 | 858-481-3081 |
| CA Number(s): | Unit(s): Ashley Valley |

WELL INFORMATION:

| Well Name | Sec | TWN | RNG | API | Entity | Mineral | Surface | Type | Status |
|-------------------|-----|-----|-----|-----|--------|---------|---------|------|--------|
| See Attached List | | | | | | | | | |

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on:

12/15/2014

2. Sundry or legal documentation was received from the NEW operator on:

12/15/2014

3. New operator Division of Corporations Business Number:

9145171-0160

REVIEW:

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on:

12/15/2014

2. Receipt of Acceptance of Drilling Procedures for APD/New on:

N/A

3. Reports current for Production/Disposition & Sundries:

1/7/2015

4. OPS/SI/TA well(s) reviewed for full cost bonding:

N/A

5. UIC5 on all disposal/injection/storage well(s) approved on:

1/6/2015

6. Surface Facility(s) included in operator change:

Ashley Valley Facility-will bemoved at a later date

7. Inspections of PA state/fee well sites complete on (only upon operators request):

N/A

NEW OPERATOR BOND VERIFICATION:

1. Federal well(s) covered by Bond Number:

UTB000649

2. Indian well(s) covered by Bond Number:

N/A

3.State/fee well(s) covered by Bond Number(s):

SUR60000227

DATA ENTRY:

1. Well(s) update in the **OGIS** on:

1/9/2015

2. Entity Number(s) updated in OGIS on:

1/9/2015

3. Unit(s) operator number update in **OGIS** on:

1/9/205

4. Surface Facilities update in **OGIS** on:

N/A

5. State/Fee well(s) attached to bond(s) in **RBDMS** on:

1/9/2015

6. Surface Facilities update in RBDMS on:

N/A

LEASE INTEREST OWNER NOTIFICATION:

1. The **NEW** operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division

of their responsibility to notify all interest owners of this change on:

1/9/2014

COMMENTS:

Waiting for bonding agreement to move Ashley Valley Facility

Western Energy Operating, LLC N3085 to Golden State Operating, LLC N4160 Effective 12/1/2014

| Well Name | Section | TWN | RNG | API | Entity | Mineral | Surface | Type | Status |
|-----------------------|---------|------|------|------------|--------|---------|---------|------|--------|
| AVU 11 | 23 | 050S | 220E | 4304715592 | 620 | Fee | Fee | GI | A |
| AVU 04 | 23 | 050S | 220E | 4304715397 | 260 | Fee | Fee | ow | P |
| ASHLEY VALLEY FED 2-A | 23 | 050S | 220E | 4304715398 | 10682 | Fee | Fee | GW | P |
| AVU 03 | 23 | 050S | 220E | 4304715400 | 260 | Fee | Fee | OW | P |
| AVU 02 | 22 | 050S | 220E | 4304715401 | 260 | Fee | Fee | OW | P |
| AVU 01 | 23 | 050S | 220E | 4304715403 | 260 | Fee | Fee | ow | P |
| AVU 08 | 23 | 050S | 220E | 4304715489 | 293 | Fee | Fee | ow | P |
| H and T TE HALL 2 | 23 | 050S | 220E | 4304715490 | 294 | Fee | Fee | OW | P |
| AVU 07 | 23 | 050S | 220E | 4304715591 | 620 | Fee | Fee | OW | P |
| AVU 09 | 23 | 050S | 220E | 4304715593 | 615 | Fee | Fee | OW | P |
| AVU 12 | 23 | 050S | 220E | 4304715594 | 615 | Fee | Fee | OW | P |
| THOMAS E HALL 5S | 23 | 050S | 220E | 4304715595 | 16851 | Fee | Fee | ow | P |
| AVU 06 | 23 | 050S | 220E | 4304715682 | 220 | Federal | Federal | OW | P |
| AVU 05 | 22 | 050S | 220E | 4304715685 | 220 | Federal | Federal | ow | P |
| AVU 10 | 26 | 050S | 220E | 4304715686 | 220 | Federal | Federal | OW | P |

1 1/7/2015

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

WATOU GASEMINING

FORM 9

| | DIVISION OF OIL, GAS AND MININ | | 5. LEASE DESIGNATION AND SERIAL NUMBER: | | | |
|--|---|--|--|--|--|--|
| SUNDRY | NOTICES AND REPORTS C | N WELLS | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: | | | |
| Do not use this form for proposals to drill n drill horizontal is | ew wells, eignificantly deepen existing wells below current biterals. Use APPLICATION FOR PERMIT TO DRILL form to | ottom-hole depth, reenter plugged wells, or to or such proposals. | 7. UNIT of CA AGREEMENT NAME: | | | |
| 1. TYPE OF WELL OIL WELL | GAS WELL OTHER | | 8. WELL NAME and NUMBER: See Attached | | | |
| 2. NAME OF OPERATOR: | | | 9. APINUMBER: | | | |
| Golden State Operating, L | LC | | See Attach | | | |
| 3. ADDRESS OF OPERATOR: 12625 High Bluff Drve, #310 CIT | , San Diego _{STATE} CA _{ZIP} 921 | PHONE NUMBER: (858) 481-3081 | 10. FIELD AND POOL, OR WILDCAT: | | | |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: See A | ttäched | | COUNTY: Uintein | | | |
| QTR/QTR, SECTION, TOWNSHIP, RAN | | | STATE: UTAH | | | |
| 11. CHECK APPR | ROPRIATE BOXES TO INDICATE N | NATURE OF NOTICE, REPOR | RT, OR OTHER DATA | | | |
| TYPE OF SUBMISSION | | TYPE OF ACTION | | | | |
| NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: | ACIDIZE ALTER CASING CASING REPAIR CHANGE TO PREVIOUS PLANS | DEEPEN FRACTURE TREAT NEW CONSTRUCTION OPERATOR CHANGE | REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR | | | |
| SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: | CHANGE TUBING CHANGE WELL NAME CHANGE WELL STATUS COMMINGLE PRODUCING FORMATIONS CONVERT WELL TYPE | PLUG AND ABANDON PLUG BACK PRODUCTION (START/RESUME) RECLAMATION OF WELL SITE RECOMPLETE - DIFFERENT FORMATION | VENT OR FLARE WATER DISPOSAL WATER SHUT-OFF OTHER: | | | |
| CHANGE OF OPERA | MPLETED OPERATIONS. Clearly show all perline | ent details including dates, depths, volume | s, etc. | | | |
| PREVIOUS (| OPERATOR: | NEW OPERA | ATOR: | | | |
| | | 12625 HIGH SAN DIEGO (858) 481-30 | GOLDEN STATE OPERATING, LLC 12625 HIGH BLUFF DRIVE, #310 SAN DIEGO, CA 92130 (858) 481-3081 N 4160 | | | |
| | at Golden State Operating, LLC is reed upon the leased lands. Bond cov | | | | | |
| NAME (PLEASE PRINT) Bruce Klee | ege | mue Manager | | | | |
| SIGNATURE | Y | DATE 12 01 2014 | | | | |
| This space for State use only) |) | | APPROVED | | | |

JAN 0 9 2015

| API | Well Name | Quarter/Quarter | Section | Township | Range | Entity | Lease | Well | Status |
|--------------|------------------------------|-----------------|---------|----------|-------|--------|-------------|--------------------|-----------|
| 43-047-15403 | AVU 01 | SENW | 23 | 5S | 22E | 260 | FEE | Oil Well | Producing |
| 43-047-15401 | AVU 02 | NESE | 22 | 5S | 22E | 260 | FEE | Oil Well | Producing |
| 43-047-15400 | AVU 03 | NWSW | 23 | 5S | 22E | 260 | FEE | Oil Well | Producing |
| 43-047-15397 | AVU 04 | NESW | 23 | 5S | 22E | 260 | FEE | Oil Well | Producing |
| 43-047-15685 | AVU 05 | SESE | 22 | 5S | 22E | 220 | UTSL-065759 | Oil Well | Producing |
| 43-047-15682 | AVU 06 | swsw | 23 | 5S | 22E | 220 | UTSL-065759 | Oil Well | Producing |
| 43-047-15591 | AVU 07 | SESW | 23 | 5S | 22E | 620 | FEE | Oil Well | Producing |
| 43-047-15489 | AVU 08 | SWSE | 23 | 5S | 22E | 293 | FEE | Oil Well | Producing |
| 43-047-15593 | AVU 09 | SESE | 23 | 5S | 22E | 615 | FEE | Oil Well | Producing |
| 43-047-15686 | AVU 10 | NENE | 26 | 5S | 22E | 220 | UTSL-065759 | Oil Well | Producing |
| 43-047-15592 | AVU 11 | SESW | 23 | 5S | 22E | 620 | FEE | Gas Injection Well | Active |
| 43-047-15594 | AVU 12 | SESE | 23 | 5S | 22E | 615 | FEE | Oil Well | Producing |
| 43-047-15398 | ASHLEY VALLEY FED 2-A | NWSW | 23 | 5S | 22E | 10682 | FEE | Gas Well | Producing |
| 43-047-15490 | H and T TE HALL 2 | SWSE | 23 | 5S | 22E | 294 | FEE | Oil Well | Producing |
| 43-047-15595 | THOMAS E HALL 5S | SESW | 23 | 5S | 22E | 16851 | FEE | Oil Well | Shut-in |

RESIGNATION OF UNIT OPERATOR

ASHLEY VALLEY (PARK CITY – WEBER) UNIT AREA UINTAH COUNTY, UTAH

UNIT AGREEMENT NO. UTU-085845X

Western Energy Operating, LLC resigns as Unit Operator under the above Unit Agreement effective on the earlier of October 1, 2014 or the selection and approval of a Successor Unit Operator.

Dated effective June 30, 2014.

Western Energy Operating, LLC a Delaware limited liability company

Paul Hannen, Operations Manager

STATE OF WYOMING) ss. COUNTY OF NATRONA)

Acknowledged before me on this 3 day of September, 2014, by Paul Hannah, Operations Manager of Western Energy Operating, LLC.

Cynthia & Houses

MY COMMISSION EXPIRES: 10 -21-2014





Western Energy Operating, LLC

439 North Conwell St Casper, Wyoming 82601 Phone 307-472-0720 FAX 307-472-0728

June 30, 2014

Bureau of Land Management Utah State Office 440 West 200 South, Suite 500 Salt Lake City, UT 84101-1345

Re:

Ashley Valley (Weber Park City) Unit Area

Resignation of Operator

Please take notice that Western Energy Operating, LLC, the Unit Operator of the Ashley Valley (Weber Park City) Unit, resigns effective upon the earliest to occur of October 1, 2014 or the date a duly selected a successor Unit Operator takes over operations in accordance with the Unit Operating Agreement.

Sincerely,

Paul M. Hannah

Operations Manager

cc:

Utah Division of Oil, Gas and Mining

Working Interest Owners. Ashley Valley (Weber Park City) Unit Area